

KRISHNA UPADHYAY

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SUMMARY

Full Stack Developer skilled in backend (Node.js, Express.js, PostgreSQL, MongoDB) and frontend (React.js, JavaScript, HTML, CSS) technologies. Passionate about functional programming and building scalable, secure web applications.

EDUCATION

Galgotias College of Engineering and Technology

Nov 2021 - May 2025

B-TECH - Artificial Intelligence and Data Science - CGPA-6.61

Sanskriti Public School

Apr 2018 - Jul 2020

Senior Secondary - 77.83%

Sanskriti Public School

Apr 2017 - Jul 2018

High School - 81.6%

PROJECTS

PayTM Clone

- Built a secure digital wallet backend using Node.js and Express.js with JWT-based authentication and REST APIs.
- Used MongoDB for NoSQL data storage and Docker for containerization.
- **Tech Stack:** Node.js, Express.js, MongoDB, JWT, Docker, REST APIs

Gold Investment AI Assistant

- Built a Node.js AI assistant to deliver real-time, data-driven gold investment advice.
- Integrated live market data APIs (prices news) to create a robust, context-aware chat experience with conversational memory.
- **Tech Stack:** JavaScript, Node.js, Express.js, Sambanova/OpenAI LLM, RESTful APIs, Axios, Git, NPM

URL Shortener

- Developed a scalable URL shortener backend using Node.js and Express.js. Added secure authentication and authorization with JWT and OAuth.
- Used MongoDB for efficient NoSQL storage and ensured modular and production-ready API design.
- **Tech Stack:** JavaScript, Node.js, Express.js, MongoDB, JWT, OAuth, Git, NPM

TECHNICAL SKILLS

Languages: Java, C++, C, Python, JavaScript, SQL, CSS, Tailwind

Frameworks: React.js, Node.js, Express.js

Developer Tools: Git, GitHub, Docker, JWT, Restful Api, Redis, Postman

Databases: MySQL, MongoDB, PostgreSQL

Certifications

Oracle Cloud Infrastructure 2025 Generative AI Professional

Aug 2025

HackerRank Problem Solving (Intermediate)

Jul 2024

Soft Skills

- Problem Solving
- Attention to Detail
- Adaptability
- Communication